Depth 6	Contents 7	Reference to last Measurement 8

Vr. No ..... Date 10.04.15
Chq No 886936 Date 10.04.15
Amount Rs 55626.00
Asst Supd B.T. Pura Division BBMP
Executive Engineer B.T. Pura Division BBMP.

RA Bill no I & final.

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231056

Serial No. BR-04/29/04/14

Name of work: Repairs of roads and drains at Bhadrappa layout in ward no. 8 Kadugekalli Sub-division

Name of Contractor of nature of Agency: Sri K. Narasimha Raju

Date of commencement of work: Work order No/EE/BWL/E-PM+/13/2013-14 15/23.10.2013

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Description (1) Earthwork excavation by manual means in ordinary soil including lead, horizontal throw upto 2.00 mtr.						
	Drain in Existing Road A	2	30.00	0.45	0.20	5.40 cum	
		2	30.00	0.45	0.25	6.75 "	
		2	30.00	0.45	0.20	5.40 "	
	Road B	2	27.80	0.45	0.25	6.26 "	
		2	30.00	0.45	0.20	5.40	
		2	30.00	0.45	0.25	6.75	
		2	10.90	0.45	0.20	1.96	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Road - C	2	30.00	0.45	0.20	5.40	Cum
	Road - D	2	34.20	0.45	0.35	10.77	"
		2	30.00	0.45	0.30	8.10	"
		2	30.00	0.45	0.25	6.75	"
		2	7.80	0.45	0.25	1.76	"
		2	30.00	0.45	0.35	9.45	"
					Total cuts	80.15 Cum	
					Limited to	78.30 Cum	
(2)	Reconstructing BT Slab drain					Qty 82.00	Rs 6420.00
	Road A -	2	30.00	-	1.35	81.00 Sqm	
		2	30.00	-	1.35	81.00 "	

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	Road A -	2
		2
	Road - B	2
		2
		2
	Road - C	2
		2
	Road D	1
		1
		1

OK

h	Depth 6	Contents 7	Reference to last Measurement 8
5	0.20	5.40	Cum
5	0.35	10.77	"
5	0.30	8.10	"
15	0.25	6.75	"
5	0.25	1.46	"
5	0.35	9.45	"
	Total cnts	80.15 Cum	
	Converted to	78.30 Cum	
		Cft 82.01	Rs 6420.00
–	1.35	87.00 Sqm	
–	1.35	87.00 "	

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 231057

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Road A -	2	30.00	–	1.35	81.00 Sqm	
		2	27.80	–	1.35	45.06 "	
	Road - B	2	30.00	–	1.35	81.00	
		2	30.00	–	1.35	81.00	
	Road - C	2	10.91	–	1.35	29.43	
		2	30.00	–	1.35	81.00	
	Road - D	2	34.21	–	1.35	92.56	
		1	30.00	–	1.35	40.50	
		1	30.00	–	1.35	40.50	
		1	7.80	–	1.35	10.53	Rs 33073.52
						724.36 Sqm	
	Converted					751.68 Sqm	@ 44.00/Sqm

Certified

Assistant Executive Engineer
Rajarajeshwari Nagar Sub Division,
Yelahanka Zone, B.M.P.
Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
Transfer	(3) Refixing Stone Slabs of Drain and printing in Cm 1:3. Only Same as Item. No (2) ic 751.68 Sqm						
						@ 63.00/Sqm Rs 47355.84	
Item No.	(4) Earthwork excav and forming Embankment by Manual means in ordinary Soil with initial lead upto 1.5km						
	Road - A						
	Ch. 0.00 to 30.00	1	30.00	$\frac{(5.00+4.90)}{2}$	0.20	29.70 Cum	
	30.0 - 60.00	1	30.0	$\frac{(4.9+5.50)}{2}$	0.20	31.20	"
	60.00 - 90.0	1	30.00	$\frac{(5.50+5.70)}{2}$	0.20	33.60	"
	90.0 - 117.80	1	27.80	$\frac{(5.7+6.80)}{2}$	0.20	34.75	"

M.A.R.

Meas

Serial No.....

Name of work.....Fr

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Road - B. 0.0 to 30.0	1
	30.0 - 60.00	1
	60.0 - 90.90	1
	Cross Road C - 0.0 - 30.0	1
	30 - 64.20	1
	Cross Road - D 0.0 - 30.0	1

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ch. 60.00 – 70.90	1	10.90	(5.0 + 5.6)/2	–	57.77 Sqm	
	Cross Road – C – 0 to 30.00	1	30.00	(4.4 + 4.1)/2	–	127.50	
	30.00 – 64.20	1	34.20	(4.1 + 4.5)/2	–	147.06	
	Cross Road – D – 0 to 30.00	1	30.00	(6.0 + 5.0)/2	–	165.00	
	30.00 – 60.00	1	30.00	(5.0 + 5.4)/2	–	156.00	
	60.00 – 67.80	1	7.80	(5.4 + 6.30)/2	–	45.63	
	Cross Road – E – 0 to 30	1	30.00	(6.5 + 6.20)/2	–	190.50	
	30.0 – 60.00	1	30.00	(6.2 + 5.8)/2	–	180.00	
	60.0 – 70.0	1	10.00	(5.8 + 5.8)/2	–	58.00	
					Total	212.71	Rs 85608.00

Limited to 208.00 Sqm @ Rs 411.00/Sqm

CSI Fee

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

M.A.R.

Meas

Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	grouting and laying Sea	
	of area thick with 100 - 120 TA	
	Cross Road – A – 0 – 0 to 30	1 –
	30.0 – 60.00	1
	60.0 – 90.00	1
	90.0 – 117.80	1
	Cross Road – B – 0 to 30	1
	30.0 – 60.00	1
	60.00 – 70.90	1

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dth	Depth 6	Contents 7	Reference to last Measurement 8
.6)	–	57.77 Sqm	
.1)	–	127.50 "	CSI Fee
4.5)	–	147.06 "	
5.0)	–	165.00	
5.4)	–	156.00 "	
6.30)	–	45.63 "	
6.20)	–	190.56 "	
5.8)	–	180.00	
5.8)	–	58.00	
	Total	212.71	Rs 85608-00

2088.00 Sqm @ Rs 41.00 / Sqm

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231062

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	providing and laying semi dense bituminous concrete of aggregate size 100-120 TAH etc complete.						
	Cross Road-A. 0-to 30	1	30.0	$\frac{(5.0+4.90)}{2}$	0.025	3.71 Sqm.	
	30.0-60.00	1	30.0	$\frac{(4.9+5.5)}{2}$	0.025	3.90 "	
	60.0-90.00	1	30.0	$\frac{(5.5+5.7)}{2}$	0.025	4.20 "	
	90.0-117.80	1	27.80	$\frac{(5.7+6.80)}{2}$	0.025	4.36 "	
	Cross Road-B. 0-to 30	1	30.0	$\frac{(6.0+5.80)}{2}$	0.025	4.43 "	
	30.0-60.00	1	30.0	$\frac{(5.8+5.0)}{2}$	0.025	4.0	
	60.00-70.90	1	10.90	$\frac{(5.0+5.60)}{2}$	0.025	1.44	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road - C. 0 to 30	1	30.0	(4.4 + 4.1)/2	0.025	3.19 cum	
	30.0 - 64.20	1	34.20	(4.10 + 4.5)/2	0.025	3.68	
	Cross Road - D - 0 to 30.0	1	30.00	(6.0 + 5.0)/2	0.025	6.13	
	30.0 - 60.0	1	30.00	(5.0 + 5.4)/2	0.025	3.91	
	60.0 - 67.80	1	7.80	(5.4 + 6.30)/2	0.025	1.14	
	Cross Road - E 0 to 30.0	1	30.0	(6.5 + 6.20)/2	0.025	4.75	
	30 - 60.	1	30.00	(6.2 + 5.80)/2	0.025	4.50	
	60 - 70.0	1	10.00	(5.8 + 5.8)/2	0.025	1.45	
					Total	52.82 cum	
				Limited to		52.00 cum	
	Providing (9) Road marking with hot applied thermoplastic compound etc complete.					Rs 8830.00	Rs 46095.00
	Cross Road - A.	2	30.00	0.10	–	6.00 sqm	
		2	30.00	0.10	–	6.00	
		2	30.00	0.10	–	6.00	

Cross Road

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

C & E

B.U. 12/3/2014 (ಬಾ.ವಿ)

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work	Nun
1	2	3
	Cross Road - B.	
	Cross Road - C	
	Cross Road - D	
	Cross Road - E	

BOOK

ons Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
f 4.1) / 2	0.025	3.19 Cum	
0+f 6.5) / 2	0.025	3.68 "	
f 5.0) / 2	0.025	6.13 "	
0+f 5.4) / 2	0.025	3.91 "	
f 6.30) / 2	0.025	1.14 "	
+ 6.20) / 2	0.025	4.41	
f 5.80) / 2	0.025	4.50	
(+ 5.8) / 2	0.025	1.45	
	Total	52.82 Cum	
Limited to 52.00 Cum @ Rs 8830.00			Rs 460526.00
astic Compound 0.10	–	6.00 Sqm	
0.10	–	6.00 "	
0.10	–	6.00 "	

Certified

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

C&F

2/3/2014

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231063

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	27.80	0.10	–	5.56 Sqm	
	Cross Road B.	2	30.00	0.10	–	6.00 "	
		2	30.00	0.10	–	6.00	
		2	10.90	0.10	–	2.18	
	Cross Road - C	2	30.00	0.10	–	6.00	
		2	34.20	0.10	–	6.84	
	Cross Road - D	2	30.00	0.10	–	6.00	
		2	30.00	0.10	–	6.00	
	Cross Road - E	2	7.80	0.10	–	1.56	
		2	30.0	0.10	–	6.00	
		2	30.00	0.10	–	6.00	
		2	30.00	0.10	–	6.00	
		2	15.00	0.10	–	3.00	
					total	85.14 Sqm	
				Limited to 85.00 Sqm @ 430/Sqm			Rs 36550.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
Theor.	do. (10) providing and fixing on road stud 100 x 100 mm the cost in aluminium resistance to corrosion etc complete.						
Theor.	do (11) Recon. Re-flectorised traffic signs providing and fixing	20 no's	@ Rs 289.00	for			Rs 5780.00
Theor.	do (12) Loading and unloading stone boulders / stone aggregate	6 no's	@ Rs 3206.80	/ no			Rs 19240.80
		Qty Earlier as recon. do. (3) & (4) = 495.90					
		Limited to				484.50 Cu	
						@ Rs 72.00 / Cu	Rs 34884.00
						Total Rs	11,99,999.96

AE 12/3

12/3

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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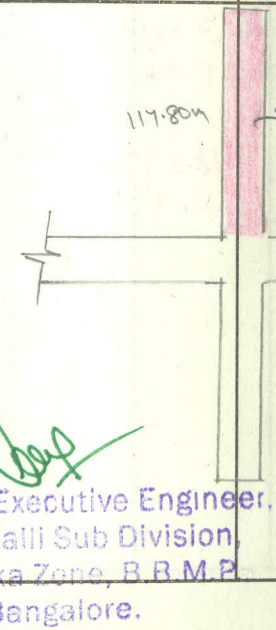
Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	



Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

OK

	Depth 6	Contents 7	Reference to last Measurement 8
			as the cost in abstracts
			Rs 5780.00
for			
ng and fixing			Rs 19240.80
also			
Stone aggregate			
① & ④ = 495.90			
...ted to		484.50 Cu	
		@ Rs 72.00/Cu	Rs 34884.00
		Total Rs	11,99,999.96
er			

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

231064

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Bachappa Layout Maruthi nagara		
		114.80m	→ CR A	70.90 m	→ CR B	64.50 m → CR C	
			Main Road				
			70.15m	→ CR E	67.80m	→ CR D	Asphalt Road

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				IT –	1,2000 —		
				VAT –	48000 —		
				PSD	72000 —		
				Cess –	12000 —		
				CGST –	1200 —		
				Roy –	37225 —		
				Fine	500 —		
					Total 182925=00		

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ಸಲ್ಲಿಸಬೇಕಾದ ಮೊತ್ತ: ಅಕ್ಷರದಲ್ಲಿ ರೂ. 182925=00

ಮೊತ್ತವನ್ನು ಚೆಕ್ಕಿನಲ್ಲಿ ಅಥವಾ ಮೊತ್ತ

ರೂ. 10,17,075=00

ಮೇಲ್ಕಂಡಂತೆ ಪಾವತಿಸಿದೆ

Krishna Lands. LLP

ಅಕೌಂಟ್ ಆಫೀಸರ್

ಎಕ್ಸಿಕ್ಯೂಟಿವ್ ಎಂಜಿನಿಯರ್

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8/2

RA Bill of

M

Serial No. BR-05/29-4-14

Name of work: Tarpa's of roads an

Name of Contractor of nature of Agenc

Date of commencement of work: work

Date 1	Full description, etc, of work 2	N
Sheet no	(1) Earthwork excav by man average horizontal dis 6th cross continue Main road Cross Road. 1	